

State of New Mexico WIPP Transportation Safety Program Update



Jeremy Lewis, Acting Director

Energy Conservation & Management Division

State of New Mexico

WIPP Working Group

- ▶ Coordinators in the following Departments:
 - ▶ **EMNRD** - ECMD Program/Financial Manager, program coordination/local community response support/radiation detection instrument program/Coordination of training/exercises
 - ▶ **DPS** - NMSP CVE and ERO (response and inspections)
 - ▶ **DOH** - Radiation medical response training, radiation detection instrument program
 - ▶ **NMED** - Dosimetry, and radiation emergency response/training



How are we funded?

- ▶ Cooperative Agreement based on Project Workplan
 - ▶ Fiscal Year 2026 - \$1,247,147.00
 - ▶ Fiscal Year 2025 - \$1,249,875.00
 - ▶ Fiscal Year 2024 - \$1,247,442.00
 - ▶ Fiscal Year 2023 - \$1,238,075.00



U.S. DEPARTMENT OF
ENERGY

Energy, Minerals, and Natural Resources

Staff support to the Task Force and Vice-chair of the WGA Technical Advisory Group

The N.M. Radioactive Waste Consultation Task Force (Task Force) is authorized by the Radioactive and Hazardous Materials Act [Section 74-4A-2 through 74-4A-14 NMSA 1978]. The membership is comprised of the Secretaries of the Energy, Minerals and Natural Resources Department, Department of Health, Environment Department, Department of Public Safety, the Department of Transportation, and the State Fire Marshal or their designees. The Task Force:

- ▶ Negotiates on behalf of the State of New Mexico with the federal government in all areas relating to the siting, licensing, and operation of new federal disposal facilities for high-level, transuranic, and low-level radioactive wastes
- ▶ Conducts technical and policy analyses of related issues;
- ▶ Recommends legislation to implement the State's policies with respect to new federal disposal facilities;
- ▶ Identifies and disseminates information on impacts associated with those disposal facilities; and
- ▶ Coordinates any related investigations or studies undertaken by state agencies.

Energy, Minerals, and Natural Resources

- ▶ Liaison between New Mexico and other states, regional groups, tribes, and the federal government
- ▶ Coordinates the State of New Mexico WIPP Transportation Safety Program
- ▶ Administers funding provided by the DOE ensuring fiscal oversight
- ▶ Compiles all program reporting for dissemination to the State and the DOE
- ▶ Coordinates and assists in the design and development and operations of all WIPP Transportations Safety Exercises.
- ▶ Member of the NGA Center for Best Practices FFTF

Energy, Minerals, and Natural Resources

- ▶ Staff support to local communities along the shipping corridor
- ▶ Establishes and manages the Agreements with local communities along the WIPP shipping corridor in New Mexico
 - ▶ Assists hazardous materials responders maintain proficiencies through funding training and equipment
 - ▶ Maintains instrument calibration for all fire services along the WIPP shipping corridor
 - ▶ Trains first responders on proper techniques when using radiation detection equipment
- ▶ Assists DOH Coordinator train medical personnel
- ▶ Tracks Highway Route Control Quantity (HRCQ) shipments

Department of Public Safety

- ▶ NMSP-CVE
 - ▶ Coordinates CVSA Level VI inspection schedule
 - ▶ Conducts CVSA Level VI inspection training
 - ▶ Provides technical assistance
 - ▶ Assists in the design and development of the WIPPTREX program
- ▶ NMSP-ERO
 - ▶ Decision making responsibility regarding the safe movement of WIPP shipments in New Mexico
 - ▶ Coordinates the exchange of information with law enforcement regarding WIPP shipments and protocol
 - ▶ Assists in the design and development of the WIPPTREX program



NMSP - CVE Inspections

Shipper Site	Shipments Sent to WIPP
Argonne National Laboratory-E	5
Idaho National Laboratory	242
Los Alamos National Laboratory	92
Lawrence Livermore National Laboratory	3
Oak Ridge	25
Savannah River	26
Total	393 Inspections - June 1, 2022 through June 9, 2023

Department of Health

- ▶ Provides training in radiation medical response to hospitals and clinics along the WIPP shipping corridor in New Mexico
- ▶ Distributes and tracks instrumentation for radiological response to hospitals and clinics
- ▶ Coordinates the instrument re-calibration for the WIPP Transportation Safety Program (hospitals/clinics)
- ▶ Assists in the design and development of the WIPPTREX program

New Mexico Environment Department

- ▶ Manages the dosimetry program
- ▶ Provides radiation and instrument training assistance to DOH
- ▶ Responds to radiation emergencies
- ▶ Provides technical support in dealing with radioactive materials to New Mexico communities and state agencies
- ▶ Assists in the mitigation of environmental impacts from radioactive materials
- ▶ Assists in the design and development of the WIPPTREX program

Achievements (FY 22 - FY 23)

- ▶ Trained over 8,000 responders, medical personnel, and volunteers
 - ▶ 250 NMSP officers classified as ERO
 - ▶ 60 CVSA Certified Level VI Inspectors
 - ▶ 15 Local jurisdictions in MOA
 - ▶ Over 2,500 fire fighters trained since July 1, 2013
- ▶ Conducted WIPPTREX Tabletop Exercise - Santa Fe
- ▶ Provided over 285,266 radiation and hazardous material training hours
- ▶ Launched the Enhanced program providing better customer service
- ▶ Better fiscal management and program oversight

What is next?

- ▶ Hire the Hazardous Waste Planning Bureau Chief
- ▶ Complete After-Action Report for the *WIPPTREX* 2023 Tabletop
- ▶ Receive feedback and approval from DOE for next five-year budget cycle.
- ▶ Curriculum for local law enforcement, and EMS that is discipline specific (similar to MERRTT course)
- ▶ Continue focused training along shipping corridor to local communities and state agencies



Questions

<https://www.youtube.com/watch?v=IB0fAuhmLfM>



<http://www.emnrd.state.nm.us/WIPP/>